John **Randolph**

Software Engineer · Data Scientist

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Education

Brown University — *Providence, RI*

B.S., Applied Math-Computer Science and Behavioral Decision Sciences — *September 2017 - May 2021*

- GPA: 4.0 / 4.0

Lakeside School — *Seattle, WA*

High School Diploma — *September 2013 - May 2017*

- GPA: 3.97 / 4.0
- ACT: 35

Experience

Facebook — *New York, NY*

Software Engineering Intern - Python — *Summer 2020*

- Worked for Natural Language Understanding team
- Implemented pipeline for programmatic data labeling

Facebook — *Seattle, WA*

Software Engineering Intern – PHP, JavaScript — *Summer 2019*

- Worked for Monthly Billing Team
- Built framework for backend usage of business, organization, and monthly invoicing flows

The Policy Lab @ Brown — *Providence, RI*

Data Scientist Intern – R — *Spring 2019*

- Increased payment compliance for traffic tickets in New Orleans
- Created proposal for statewide integrated data system
- Redesigned DMV forms and presented at Rhode Island DMV and DOR

University of Washington Clinical Informatics Research Group — *Seattle, WA*

Software Engineering Intern – Python, JavaScript — *Summer 2018*

- Cleaned code and implemented Swagger UI testing framework on movember.com and truenth.org

Skills

Languages Java, C, R, Python, JavaScript, HTML, CSS, PHP, SQL, Scala, Racket, OCaml
Software MATLAB, Mathematica, Rhinoceros, OpenSCAD, LaTex

Coursework

Major	**Applied Math** ——	**Computer Science**	**Behavioral Decision Sciences**
Coursework	Computational Prob & Stats	Artificial Intelligence	Psychology of Making Decisions
	Statistical Inference I	Machine Learning	Introduction to Neuroscience
	Recent Applications of Prob & Stats	Algorithmic Game Theory	Cognitive Neuroscience
	Probabilistic Models of Ops Research	Discrete Structures & Prob	Principles of Economics
	Applied ODEs	Systems	Mathematical Microeconomics
	Honors Linear Algebra	Logic for Systems	Behavioral Economics
	Mathematical Logic I & II	CS: An Integrated Introduction I & II	Game Theory

Honors & Awards

2017 **Winner,** National Merit Competition
2016 **Round One Winner,** Paul Allen Computing Challenge